

Minutes from May 14, 2003 Special MSFC PMC  
Prepared by VS10/Rich Gladwin

DE01/Axel Roth chaired the meeting. Rich Gladwin reviewed the agenda. The agenda included: (1) SOLAR-B Delta Independent Implementation Review (IIR) presented by Bill Taylor and (2) SOLAR-B Project Response to IIR Findings presented by Larry Hill.

Bill Taylor presented the SOLAR-B Delta Independent Implementation Review findings. Mr. Taylor indicated that significant replanning had occurred since the initial IIR in Oct 2002. The IIR team identified the following issues:

- (1) SOLAR-B has experienced significant cost and schedule growth. Cost and schedule growth at the present rate would indicate failure on the part of management to exercise control. The IIR team recommended that the Program and Project take steps to place these contracts under firm cost and schedule control.
- (2) Lockheed Martin performance on the SOT-FPP has been, and continues to be un-satisfactory. The IIR team recommended various steps to increase assurance of LM meeting requirements including: Development of a detailed "to go" schedule, tracking of this schedule by on-site, real time monitoring, and MSFC Senior Management attention to this situation.
- (3) SOLAR-B mission success is threatened by technical issues. Immediate attention is required to keep these from impacting launch or mission success. The IIR team recommended to immediately get the necessary technical expertise to assist in problem resolutions.

Next Larry Hill presented the SOLAR-B project response to the IIR findings. Axel Roth commented that having technical people on site with Lockheed Martin on the Gravity Probe B Program helped to improve poor performance. Mr. Roth then asked if the remaining testing at NRL had significant risk. Larry Hill indicated that there was minimal risk with NRL. Mr. Roth asked why Lockheed Martin could not produce a good schedule. Mr. Hill responded that the schedules were not detailed enough. RS40/Kenneth Poole offered assistance to help improve the LM schedules. Mr. Roth recommended that Ann Whitaker consult with Rex Geveden to find a good scheduler at Lockheed Martin. Tony Lavoie asked if there were any permanent civil servants at the Lockheed Martin facility. Mr. Hill replied that there were none at this time. Mr. Lavoie then asked if the beamsplitter problem was on the critical path. Mr. Hill responded that Lockheed Martin would have to review the latest schedule, but that the delay should not be significant. Mr. James Bilbro asked if the delay in mirror production at Goodrich was a significant problem. Mr. Bilbro noted that the mirror was at least 8 months overdue. Mr. Roth asked that the SOLAR-B project carefully watch the performance at Goodrich and to get a solid explanation for the schedule slips. ED/Reginald Cobb made the statement that it would require 4-6 months to staff a resident office at Lockheed Martin. Mr. Roth asked that Ann Whitaker identify senior managers at Lockheed Martin so that Art Stephenson could spend some time with them to express the concerns with the LM performance on SOLAR-B.

No new actions were assigned. The meeting was then concluded.

Attendance for MSFC PMC  
May 14, 2003

Name	Organization
<u>COUNCIL MEMBERS</u>	
Axel Roth	DE01
Dale Thomas	VS01
Frank Mayhall	RS01
Chris Singer (for Denny Kross)	TD01
Undecipherable (for Bill Kilpatrick)	ED01
Anthony Lavoie (for Jan Davis)	FD01
Ann Whitaker	SD01
Chis Cowart (for Amanda Goodson)	QS01
Jim Carter (for Sheila Cloud)	AD01
Steve Beale	PS01
Jim McGroary (for Bill Hicks)	LS01
Susan Cloud (for Tereasa Washington)	CD01
Jim Carter (for Jim Ellis)	AD30

<u>OTHERS IN ATTENDANCE</u>	
Rich Gladwin (PMC Secretary)	VS10
Larry Hill	SD50
Richard Beranek	SD21
Larry Russell	SD20
Charlotte Talley	SD21
Jerry Owens	SD21
Gerald Flanagan	VS10
John McDougale	AD30
Barbara Cobb	SD21
Jeff Jones	NASA/IPAO
Reginald Cobb	ED41
James Bilbro	DA01
Ken Poole	RS40